

Aalborg EH-W

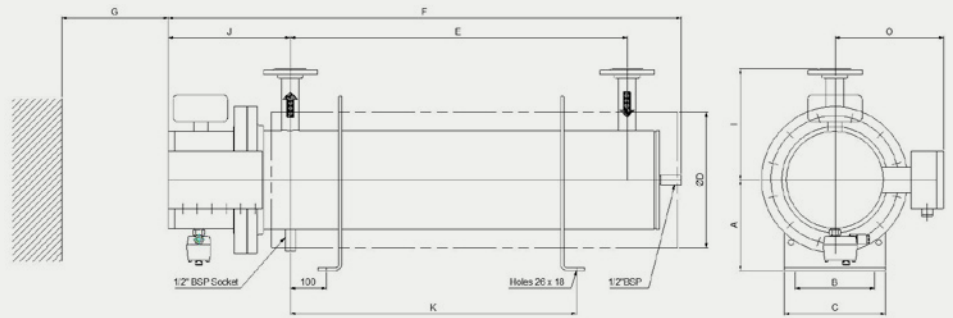
Electrically operated water heater



The Alfa Laval Aalborg EH-W is a flow-through electric heater, ideal for heating technical treated water or available in a design applicable for bilge water. Its heat load capacities range from 15 to 486 kW, with design conditions up to 10 bar(g) and 95°C.

Electric power supply terminals (400/440 V), the safety thermostat and an optional control thermostat are located on the top hood.

The standard design Aalborg EH-W heater is approved by all major marine classification societies and is CE/PED approved.



- **Design pressure:** 10 bar(g)
- **Design temperature:** 95°C
- **Flanges:** JIS-16K/EN1092-1 PN16
- **Installation:** Vertical or horizontal
- **Accessories (optional):**
 - Safety valve
 - Drain valve
 - Pressure gauge
 - Thermometer
 - Pt. 100 sensor
 - Electronic or mechanical thermostat
- **Surface loads:** 10 W/cm²

Standard product range

Capacities and dimensions

Type	EH-W15						EH-W20			EH-W25				EH-W30				EH-W35				EH-W40			
Capacity (kW)	15	30	45	54	60	72	75	90	108	135	150	162	180	210	225	252	270	255	270	306	324	375	405	450	486
Element length	1000	1000	1000	1200	1000	1200	1000	1000	1200	1000	1000	1200	1200	1000	1000	1200	1200	1000	1000	1200	1200	1000	1000	1200	1200
No. of elements	3	6	9	9	12	12	15	18	18	27	30	27	30	42	45	42	45	51	54	51	54	75	81	75	81
Flange size (DN)	40						50			65				65				80				80			
A	200						250			250				250				250				300			
B	220						220			220				220				300				300			
C	270						280			280				280				350				350			
ØD incl. insulation	ø270						ø324			ø380				ø425				ø460				ø510			
E	820	820	820	1020	820	1020	820	820	1020	820	820	1020	1020	820	820	1020	1020	820	820	1020	1020	800	800	1000	1000
F	1291			1491	1291	1491	1287	1487	1292	1292	1492	1492	13002	1302	1502	1502	1309	1309	1509	1509	1314	1314	1514	1514	
G	1000			1200	1000	1200	1000	1000	1000	1000	1000	1200	1200	1000	1000	1200	1200	1000	1000	1200	1200	1000	1000	1200	1200
I	254						280			307				332				348				373			
J	327						322			337				342				347				363			
K	680			880	680	880	680	680	680	680	680	880	880	680	680	880	880	680	680	880	880	600	600	860	860
O	255						275			300				335				380				400			

Dimensions in mm

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